

Abstract

A process is described for the preparation of LiAlH_4 solutions, in which lithium hydride reacts with an
5 aluminium halide in diethyl ether to give lithium
aluminium hydride, the lithium halide which arises is
separated off, and wherein a solvent the complexing
energy of which with LiAlH_4 is greater than the
complexing energy of diethyl ether with LiAlH_4 is then
10 added, and the diethyl ether is removed by distillation.